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(11)

EP 1 043 671 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
16.07.2003 Bulletin 2003/29

(51) Int Cl. 7: G06F 17/60, G06F 9/46

(43) Date of publication A2:  
11.10.2000 Bulletin 2000/41

(21) Application number: 00302178.9

(22) Date of filing: 17.03.2000

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE  
Designated Extension States:  
AL LT LV MK RO SI

(30) Priority: 19.03.1999 GB 9906231  
04.06.1999 GB 9912901

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### (54) Message broker providing a publish/subscribe service and method of processing messages in a publish/subscribe environment

(57) Provided is a message broker and a method of processing message content within a publish/subscribe message distribution service. The message broker and method extends publish/subscribe service capability to heterogeneous communications networks in which different subscriber systems can have very different capabilities in terms of their multimedia presentation capabilities, processing capabilities and storage capabilities. The broker modifies the content of messages received from publisher application programs to conform to the

subscriber system capabilities prior to distribution to subscriber applications. The broker is adapted to identify characteristics of the content of received messages and to use this information to determine which of a set of message handler modules to pass the message to. Derived messages are generated by the selected message handler module and sent to subscribers for which this message type or message content has been requested. A multimedia processing module is preferably selected in response to identification of certain multimedia content.

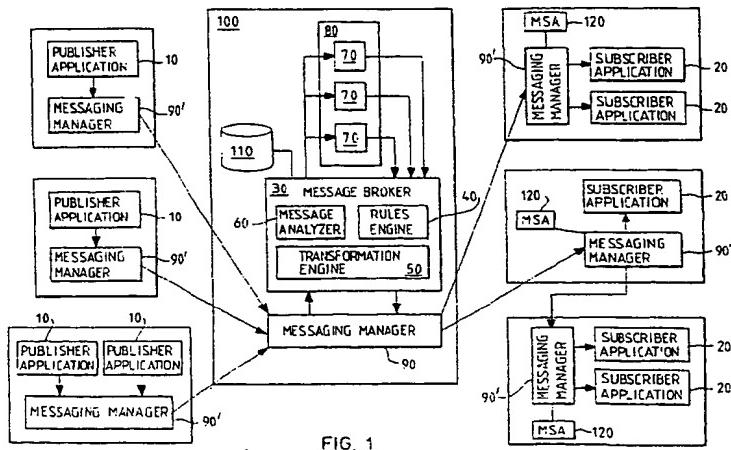


FIG. 1



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## EUROPEAN SEARCH REPORT

Application Number  
EP 00 30 2178

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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
MUNICH	9 April 2003	Viets, A	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
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